

Converting Colors

CIELCh(48, 53.995, 325.877)

Have a look what the booklet for
CIELCh(48, 53.995, 325.877)
contains.

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Color

CIELCh(48, 53.995, 325.877)

Conversions

Conversions Part 1

Format	Color
Hex	A354A6
RGB	163, 84, 166
RGB Percent	64%, 33%, 65%
CMY	0.3620, 0.6717, 0.3502
CMYK	0.02, 0.49, 0.00, 0.35
HSL	298°, 33%, 49%
HSV	298°, 49%, 65%
XYZ	25.0473, 16.7945, 37.8569
YIQ	116.9690, 20.7620, 42.2500

Conversions

Conversions Part 2

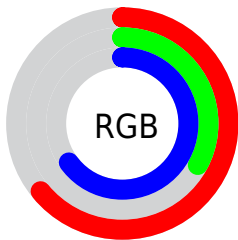
Format	Color
R _Y B	163, 84, 166
Decimal	10704038
CIE Lab	48.00, 44.70, -30.29
CIE LCh	48, 53.995, 325.877
Yxy	16.7945, 0.3143, 0.2107
Android (android.graphics.Color)	4288894118 (0xFFA354A6)
YUV	116.9690, 24.1723, 40.3692
Hunter-Lab	40.9810, 37.3809, -26.0834

Details

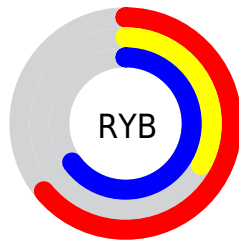
The CIELCh color **48, 53.995, 325.877** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **61, 54.069, 139.762**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 54.158, 326.159**, and **28, 54.192, 325.763** is the 20% darker color. If you saturate the color by 10%, you get **45, 63.305, 326.251**, and if you desaturate by 10%, it is **52, 43.711, 325.440**.

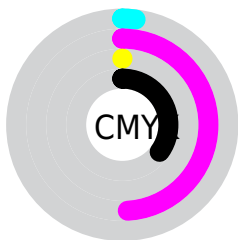
Distribution



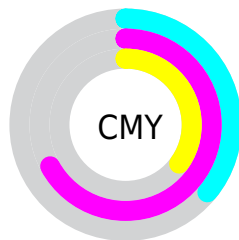
- Red (64%)
- Green (33%)
- Blue (65%)



- Red (64%)
- Yellow (33%)
- Blue (65%)



- Cyan (2%)
- Magenta (49%)
- Yellow (0%)
- Black (35%)




- Cyan (36%)
- Magenta (67%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 53.995, 325.877 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 48, 53.995, 325.877 by changing the saturation by 10% instead.


 48, 53.995,
325.877


 48, 53.995,
325.877


 100, 53.995,
325.877

 38, 53.995,
325.877

 68, 53.995,
325.877


 28, 53.995,
325.877

 78, 53.995,
325.877

 18, 53.995,
325.877

 88, 53.995,
325.877

 8, 53.995, 325.877

 98, 53.995,
325.877

 0, 53.995, 325.877

 48, 53.995,

 48, 53.995,

325.877

45, 63.305,
326.251

42, 71.218,
326.543

40, 77.335,
326.734

39, 81.402,
326.815

38, 83.729,
326.802

38, 83.843,
326.801

325.877

52, 43.711,
325.440

55, 32.843,
324.959

60, 21.700,
324.452

64, 10.510,
323.927

68, 0.570, 143.816

73, 11.438,
142.954

77, 22.032,
142.461

82, 32.323,
141.997

■ 87, 42.296,
141.559

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48, 53.995, 325.877



61, 54.069, 139.762

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48, 53.995, 325.877



48, 53.995, 15.877



48, 53.995, 145.877



48, 53.995, 195.877

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48, 53.993, 325.877



78, 20.567, 324.233



41, 47.213, 295.358



40, 14.018, 324.337



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48, 53.993, 325.877



58, 77.249, 326.271



47, 40.560, 345.847



32, 6.196, 323.915



33, 76.154, 326.817



1, 9.554, 323.135

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46, 36.685, 22.208



54, 55.127, 24.689



62, 39.035, 156.094



32, 3.630, 16.931



30, 66.787, 37.793



1, 5.474, 16.640

Previews

White Background



This preview shows how the CIELCh color 48, 53.995, 325.877 looks on a white background.

Color Contrast Check

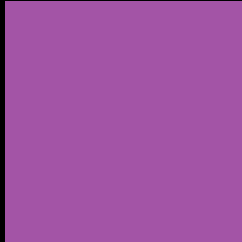
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 53.995, 325.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

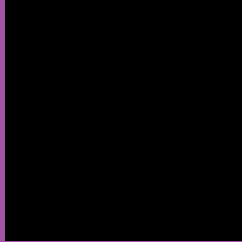
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 53.995, 325.877

Background



This preview shows how black text looks on a background with the CIELCh color 48, 53.995, 325.877.

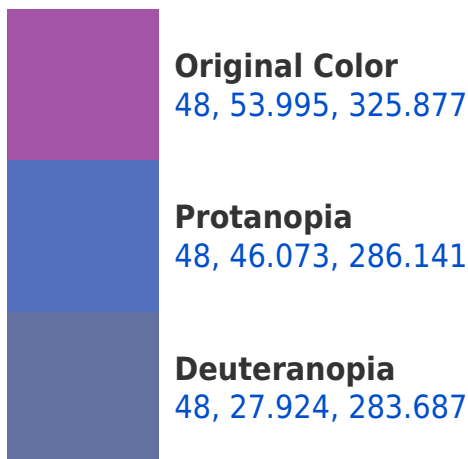


This preview shows how white text looks on a background with the CIELCh color 48, 53.995, 325.877.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
48, 24.745, 12.045

Trichromacy



Original Color
48, 53.995, 325.877

Protanomaly
47, 46.827, 299.746

Deuteranomaly
47, 36.269, 305.452

Tritanomaly
48, 32.521, 345.452

Monochromacy



Original Color
48, 53.995, 325.877

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 20.973, 324.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 53.995, 325.877 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(163, 84, 166)` looks like.

```
.text, #text, p{  
    color:rgb(163, 84, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(163, 84, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 84, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 53.995, 325.877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 84, 166) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(163, 84, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(163, 84, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 84, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 84, 166);  
box-shadow:4px 4px 4px 4px rgb(163, 84,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 53.995, 325.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 84, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(163, 84,  
166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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